

WHAT IS CLAIMED IS:

1. An heat dissipation device, comprising:
a heat sink portion, including a base and a thermal conductive unit with a plurality of posts formed thereon;
5 a fin portion mounted over the heat sink portion, including a plurality of planar fins stacked with each other along a vertical direction; and
at least two heat pipes, each having a horizontal extension disposed on the base and a vertical extension passed through the fin portion to obtain a staggered arrangement therein.
- 10 2. The device of Claim 1, further comprising a shield partially enclosing the heat sink portion and the fin portion.
 3. The device of Claim 2, wherein the shield is made of metal.
 4. The device of Claim 2, wherein the shield is fastened on the base by a screw device.
- 15 5. The device of Claim 1, wherein the base further includes a mounting area formed on one side adjacent to the thermal conductive unit.
 6. The device of Claim 5, further comprising a fan installed on the mounting area.
 7. The device of Claim 6, further comprising a shield partially
20 enclosing the heat sink portion and the fin portion.
 8. The device of Claim 7, wherein the shield is made of metal.
 9. The device of Claim 7, wherein the shield is fastened on the base by a screw device.
 10. The device of Claim 1, wherein the heat pipe is L-shaped.
 - 25 11. The device of Claim 1, further comprising a fan installed adjacent the thermal conductive unit.
 12. The device of Claim 11, further comprising a shield partially enclosing the heat sink portion and the fin portion.

13. The device of Claim 12, wherein the shield is made of metal.
14. The device of Claim 12, wherein the shield is fastened on the base by a screw device.